

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Dirk Inze. et al.

**Examiner:** Unassigned

**Serial No.:** Unassigned

**Group:** Art Unit 1638

**Filed:** Herewith

**Docket:** 1187-2 DIV

**For: CYCLIN-DEPENDENT KINASE INHIBITORS  
AND USES THEREOF**

**Dated:** October 17, 2003

MAIL STOP NEW PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

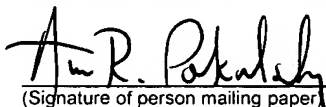
Pursuant to Applicants duty of disclosure, the information listed in the attached Form PTO-1449 is brought to the attention of the Examiner. Each of the items listed on the attached Form PTO-1449 were either cited by, or submitted to, the PTO in prior application Serial No. 09/526,597 filed March 16, 2000, of which the present application relies upon for an earlier filing date under 35 U.S.C. §120. Accordingly, pursuant to 37 C.F.R. §1.98(d), copies of the listed items are not being provided.

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**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date October 17, 2003 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV333227181US addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, MAIL STOP NEW PATENT APPLICATION.

Ann R. Pokalsky  
(Type or print name of person mailing paper)

  
(Signature of person mailing paper)

The citation of the items listed in the attached Form PTO-1449 is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the items are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

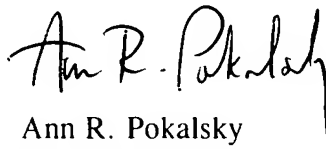
The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This information disclosure statement is being filed concurrently with this application.

Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ann R. Pokalsky". The signature is fluid and cursive, with the first name "Ann" and last name "Pokalsky" clearly distinguishable.

Ann R. Pokalsky  
Reg. No. 34,697  
Attorney for Applicants

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449 )	ATTY. DOCKET NO. 1187-2 DIV		SERIAL NO. Unassigned
	APPLICANT Dirk Inze et al.		
	FILING DATE Herewith		GROUP ART UNIT 1638

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
	AH	WO 97 26327 A	7/24/97	PCT			
	AI	WO 96 31534 A	10/10/96	PCT			
	AJ	WO 92 09685 A	6/11/92	PCT			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	AK	Wang H., et al. (1997) "Arabidopsis thaliana cyclin-dependent kinase inhibitor protein (ICK1) mRNA, complete cds." EMBL Accession No. U94772. April 29, 1997.
	AL	Wang H., et al. (April 3, 1997) "A plant cyclin-dependent kinase inhibitor gene" <i>Nature</i> 386:451-452.
	AM	Fountain, M.D., (November 27, 1997) "Chenopodium rubrum G1 cyclin-dependent kinase inhibitor mRNA, complete cds." EMBL Accession No. AJ002173.
	AN	Nakamura Y., (April 14, 1998) "Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone:K24G6" EMBL Accession No. AB012242.
	AO	Wang, H., (1998) "ICK1, a cyclin-dependent protein kinase inhibitor from <i>Arabidopsis thaliana</i> interacts with both Cdc2a and CycD3, and its expression is induced by abscisic acid." <i>The Plant Journal</i> 15(4):501-510.
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6 9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	BC						
	BD						
	BE						
	BF						
	BG						

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
	BH	WO 97 20842 A	10/10/96	PCT			
	BI	WO 97 16447 A	5/9/97	PCT			
	BJ	WO 93 15213 A	8/5/93	PCT			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	BK	Doerner, P., et al. (April 11, 1996) "Control of root growth and development by cyclin expression." <i>Nature</i> 380:520-523.
	BL	Hemerly, A., et al., (December 1993) "cdc2a Expression in Arabidopsis is Linked with Competence for Cell Division" <i>The Plant Cell</i> 5:1711-1723.
	BM	Planchais, S., (1997) "Roscovitine, a novel cyclin-dependent kinase inhibitor, characterizes restriction point and G2/M transition in tobacco By-2 cell suspension" <i>The Plant Journal</i> 12(1):191-202.
	BN	Doonan, J., (1996) "Plant Growth: Roots In The Cell Cycle" <i>Current Biology</i> 6 no. 7: 788-789.
	BO	Veylder De, et al. (1997) "The Arabidopsis CKS1 At Protein Binds The Cyclin-Dependent Kinases CDC2AAT and CDC2BAT" <i>Febs Letters</i> 412 no. 3 and 4: 446-452.

EXAMINER	DATE CONSIDERED
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	CA						
	CB						
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	CD						
	CE						
	CF						
	CG						

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE
	CH						
	CI						
	CJ						

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CK		Hemerly et al. (1995) "Dominant Negative Mutants of the CDC2 Kinase Uncouple Cell Division From Iterative Plant Development" <i>Embo Journal</i> 14 no. 16: 3,925-3,936.
	CL		
	CM		
	CN		
	CO		
EXAMINER			DATE CONSIDERED
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